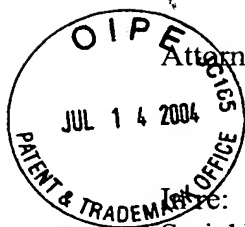


IFW



Attorney Docket No.: 8194-723

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Arslan et al.

Art Group: 2631

Serial No.: 10/716,085

Confirmation No.: 4858

Filed: November 18, 2003

For: METHODS AND APPARATUS FOR PRE-FILTERING A SIGNAL TO INCREASE  
SIGNAL-TO-NOISE RATION AND DECORRELATE NOISE

July 12, 2004

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed non-patent literature. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

This Information Disclosure is submitted in accordance with 37 C.F.R. § 1.97(b)(4), before the mailing of a first action. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

  
David K. Purks

Registration No. 40,133

Myers Bigel Sibley & Sajovec, P.A.

P. O. Box 37428

Raleigh, North Carolina 27627

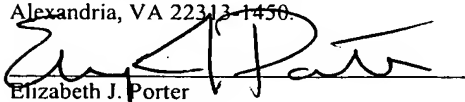
Telephone: (919) 854-1400

Facsimile: (919) 854-1401

Customer No. 20792

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR § 1.8 on the date indicated above and is addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Elizabeth J. Porter

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number: 8194-723		Serial No. 10/716,085	
LIST OF DOCUMENTS CITED BY APPLICANT							
(Use several sheets if necessary)							
Applicants: Arslan et al.							
Filing Date: November 18, 2004						Group: 2631	
<b>U. S. PATENTS &amp; PATENT APPLICATION PUBLICATIONS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date / if Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	1.	Al-Dhahir et al. "The Finite-Length Multi-Input Multi-Output MMSE-DFE," <i>IEEE Transactions on Signal Processing</i> , <b>48</b> (10): 2921-2936 (October 2000)					
	2.	Al-Dhahir, Naofal "FIR Channel-Shortening Equalizers for MIMO ISI Channels," <i>IEEE Transactions on Communications</i> , <b>49</b> (2) 213-218 (February 2001)					
	3.	Duel-Hallen et al. "Delayed Decision-Feedback Sequence Estimation," <i>IEEE Transactions on Communications</i> , <b>37</b> (5) 428-435 (May, 1989)					
	4.	Duel-Hallen, Alexandra "Equalizers for Multiple Input/Multiple Output Channels and PAM Systems with Cyclostationary Input Sequences," <i>IEEE Journal on Selected Areas in Communications</i> , <b>10</b> (3) 630-639 (April 1992)					

EXAMINER

\*EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.